# 820 Payment Order/Remittance Advice

**Functional Group ID=RA**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice.This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

## Notes:

1. This is the current standard for Federal Domestic Assistance payments made via the Automated Standard Application for Payments (ASAP) system of the Financial Management Service, US Treasury.

2. The total payment amount in one 820 transaction set represents the total amount paid to one Payment Requester on behalf of one or more Federal Program Agencies for distribution to one or more Recipient Organizations.

## Heading:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 010 | ST | Transaction Set Header | M | 1 | | |
| Must Use | 020 | BPR | Beginning Segment for Payment Order/Remittance Advice | M | 1 | | |
| Not Used | 030 | NTE | Note/Special Instruction | O | >1 | | |
| | 035 | TRN | Trace | O | 1 | | c1 |
| Not Used | 040 | CUR | Currency | O | 1 | | c2 |
| | 050 | REF | Reference Numbers | O | >1 | | |
| Not Used | 060 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - N1 | | | >1 | |
| | 070 | N1 | Name | O | 1 | | c3 |
| Not Used | 080 | N2 | Additional Name Information | O | >1 | | |
| Not Used | 090 | N3 | Address Information | O | >1 | | |
| Not Used | 100 | N4 | Geographic Location | O | 1 | | |
| Not Used | 110 | REF | Reference Numbers | O | >1 | | |
| Not Used | 120 | PER | Administrative Communications Contact | O | >1 | | |

## Detail:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | LOOP ID - ENT | | | >1 | |
| | 010 | ENT | Entity | O | 1 | | c4 |
| | | | LOOP ID - N1 | | | >1 | |
| | 020 | N1 | Name | O | 1 | | c5 |
| Not Used | 030 | N2 | Additional Name Information | O | >1 | | |
| Not Used | 040 | N3 | Address Information | O | >1 | | |
| Not Used | 050 | N4 | Geographic Location | O | 1 | | |
| Not Used | 060 | REF | Reference Numbers | O | >1 | | |
| Not Used | 070 | PER | Administrative Communications Contact | O | >1 | | |
| | | | LOOP ID - ADX | | | >1 | |
| Not Used | 080 | ADX | Adjustment | O | 1 | | c6 |
| Not Used | 090 | NTE | Note/Special Instruction | O | >1 | | |
| Not Used | 100 | PER | Administrative Communications Contact | O | >1 | | |
| Not Used | 105 | DTM | Date/Time/Period | O | 1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 110 | REF | Reference Numbers | O | 1 | | |
| Not Used | 120 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - IT1 | | | >1 | |
| Not Used | 130 | IT1 | Baseline Item Data (Invoice) | O | 1 | | c7 |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 140 | REF | Reference Numbers | O | 1 | | |
| Not Used | 141 | DTM | Date/Time/Period | O | 1 | | |
| | | | LOOP ID - ITA | | | >1 | |
| Not Used | 142 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 143 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - SLN | | | >1 | |
| Not Used | 144 | SLN | Subline Item Detail | O | 1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 145 | REF | Reference Numbers | O | 1 | | |
| Not Used | 146 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - ITA | | | >1 | |
| Not Used | 147 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 148 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - RMR | | | >1 | |
| | 150 | RMR | Remittance Advice Accounts Receivable Open Item Reference | O | 1 | | c8 |
| Not Used | 160 | NTE | Note/Special Instruction | O | >1 | | |
| | 170 | REF | Reference Numbers | O | >1 | | |
| Not Used | 180 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - IT1 | | | >1 | |
| Not Used | 190 | IT1 | Baseline Item Data (Invoice) | O | 1 | | c9 |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 200 | REF | Reference Numbers | O | 1 | | |
| Not Used | 201 | DTM | Date/Time/Period | O | 1 | | |
| | | | LOOP ID - ITA | | | >1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Not Used | 202 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 203 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - SLN | | | >1 | |
| Not Used | 204 | SLN | Subline Item Detail | O | 1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 205 | REF | Reference Numbers | O | 1 | | |
| Not Used | 206 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - ITA | | | >1 | |
| Not Used | 207 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 208 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - ADX | | | >1 | |
| Not Used | 210 | ADX | Adjustment | O | 1 | | c10 |
| Not Used | 220 | NTE | Note/Special Instruction | O | >1 | | |
| Not Used | 230 | PER | Administrative Communications Contact | O | >1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 240 | REF | Reference Numbers | O | 1 | | |
| Not Used | 250 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - IT1 | | | >1 | |
| Not Used | 260 | IT1 | Baseline Item Data (Invoice) | O | 1 | | c11 |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 270 | REF | Reference Numbers | O | 1 | | |
| Not Used | 271 | DTM | Date/Time/Period | O | 1 | | |
| | | | LOOP ID - ITA | | | >1 | |
| Not Used | 272 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 273 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - SLN | | | >1 | |
| Not Used | 274 | SLN | Subline Item Detail | O | 1 | | |
| | | | LOOP ID - REF | | | >1 | |
| Not Used | 275 | REF | Reference Numbers | O | 1 | | |
| Not Used | 276 | DTM | Date/Time/Period | O | >1 | | |
| | | | LOOP ID - ITA | | | >1 | |
| Not Used | 277 | ITA | Allowance, Charge or Service | O | 1 | | |
| Not Used | 278 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - TXP | | | >1 | |
| Not Used | 280 | TXP | Tax Payment | O | 1 | | |
| Not Used | 285 | TXI | Tax Information | O | >1 | | |
| | | | LOOP ID - LX | | | >1 | |
| Not Used | 290 | LX | Assigned Number | O | 1 | | |
| Not Used | 295 | REF | Reference Numbers | O | >1 | | |
| Not Used | 300 | TRN | Trace | O | >1 | | |
| | | | LOOP ID - NM1 | | | >1 | |
| Not Used | 305 | NM1 | Individual or Organizational Name | O | 1 | | |
| Not Used | 310 | REF | Reference Numbers | O | >1 | | |
| Not Used | 315 | G53 | Maintenance Type | O | 1 | | |

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat |
|---|---|---|---|---|---|---|
| | | | LOOP ID - AIN | | | >1 |
| Not Used | 320 | AIN | Income | O | 1 | |
| Not Used | 325 | QTY | Quantity | O | >1 | |
| Not Used | 330 | DTP | Date or Time or Period | O | >1 | |
| | | | LOOP ID - PEN | | | >1 |
| Not Used | 335 | PEN | Pension Information | O | 1 | |
| Not Used | 340 | AMT | Monetary Amount | O | >1 | |
| Not Used | 345 | DTP | Date or Time or Period | O | >1 | |
| | | | LOOP ID - INV | | | >1 |
| Not Used | 350 | INV | Investment Vehicle Selection | O | 1 | |
| Not Used | 355 | DTP | Date or Time or Period | O | >1 | |

## Summary:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 010 | SE | Transaction Set Trailer | M | 1 | | |

## Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.
9. Loop IT1 within the RMR loop is the remittance line item detail loop.
10. This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
11. Loop IT1 within the ADX loop is the adjustment line item detail loop.

**Segment:** **ST** **Transaction Set Header**

| | |
|---|---|
| **Position:** | 010 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the start of a transaction set and to assign a control number |
| **Syntax Notes:** | |
| **Semantic Notes:** | 1   The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set). |
| **Comments:** | |

### Data Element Summary

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 |

Code uniquely identifying a Transaction Set

    820              X12.4 Payment Order/Remittance Advice

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | ST02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 |

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

1)  Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions).

2)  Assigned by the Federal Reserve Bank of Richmond.

3) Must equal the value in data element SE02.

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | | **BPR** Beginning Segment for Payment Order/Remittance Advice | | | |
| **Position:** | 020 | | | | |
| **Loop:** | | | | | |
| **Level:** | Heading | | | | |
| **Usage:** | Mandatory | | | | |
| **Max Use:** | 1 | | | | |

**Purpose:** (1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur

**Syntax Notes:**
1 If either BPR06 or BPR07 is present, then the other is required.
2 If BPR08 is present, then BPR09 is required.
3 If either BPR12 or BPR13 is present, then the other is required.
4 If BPR14 is present, then BPR15 is required.
5 If either BPR18 or BPR19 is present, then the other is required.
6 If BPR20 is present, then BPR21 is required.

**Semantic Notes:**
1 BPR02 specifies the payment amount.
2 When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
3 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
4 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
5 BPR17 is a code identifying the business reason for this payment.
6 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.

**Comments:**
1 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| >> | BPR01 | 305 | **Transaction Handling Code** | | M ID | 1/1 |
| | | | Code designating the action to be taken by all parties | | | |
| | | | C | Payment Accompanies Remittance Advice | | |
| >> | BPR02 | 782 | **Monetary Amount** | | M R | 1/15 |
| | | | Monetary amount | | | |

1. Total payment amount to be credited to the Payment Requester's account at the receiving financial institution. Equal to the ACH entry detail total transaction amount.

2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to NACHA format, e.g., 99999999.99.

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | BPR03 | 478 | **Credit/Debit Flag Code** | | M ID | 1/1 |

Code indicating whether amount is a credit or debit

     C               Credit

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR04** | **591** | **Payment Method Code** | **M** | **ID** | **3/3** |

Code identifying the method for the movement of payment instructions

     ACH         Automated Clearing House (ACH)

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR05** | **812** | **Payment Format Code** | **O** | **ID** | **1/10** |

Code identifying the payment format to be used

     CTX         Corporate Trade Exchange (CTX) (ACH)

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR06** | **506** | **(DFI) ID Number Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type of identification number of Depository Financial Institution (DFI)

Pertains to Originating DFI.

     01         ABA Transit Routing Number Including Check Digits (9 digits)

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR07** | **507** | **(DFI) Identification Number** | **X** | **AN** | **3/12** |

Depository Financial Institution (DFI) identification number

Identifies the organization originating the payment, in this case, ASAP. Contains the ASAP ABA Number (05103680-3).

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR08** | **896** | **Account Number Qualifier Code** | **O** | **ID** | **2/2** |

Code indicating type of bank account or other financial asset

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR09** | **508** | **Account Number** | **X** | **AN** | **1/35** |

Account number assigned

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR10** | **509** | **Originating Company Identifier** | **O** | **AN** | **10/10** |

A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

1. Identifies ASAP as the originating company.

2. Contains the 9-digit ABA Number for ASAP preceded by the number "9" to indicate a user assigned identifier.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR11** | **510** | **Originating Company Supplemental Code** | **O** | **AN** | **9/9** |

A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR12** | **506** | **(DFI) ID Number Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type of identification number of Depository Financial Institution (DFI)

Pertains to the Receiving DFI.

     01         ABA Transit Routing Number Including Check Digits (9 digits)

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR13** | 507 | **(DFI) Identification Number** | X | AN | 3/12 |

Depository Financial Institution (DFI) identification number

1.  Identifies the receiving DFI.

2.  Contains the 9-digit ABA Number for the Payment Requestor's ACH DFI as indicated in the ASAP Payment Requester Profile.

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR14** | 896 | **Account Number Qualifier Code** | O | ID | 2/2 |

Code indicating type of bank account or other financial asset

1.  Identifies the type of account at the ACH DFI indicated in the Payment Requester Profile.

2.  BPR15 identifies the account number.

| | |
|---|---|
| DA | Demand Deposit |
| SG | Savings |

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR15** | 508 | **Account Number** | X | AN | 1/35 |

Account number assigned

Identifies the Payment Requester's ACH bank account to be credited.

| | | | | | | |
|---|---|---|---|---|---|---|
| >> | **BPR16** | 513 | **Effective Entry Date** | O | DT | 6/6 |

Date the originating company intends for the transaction to be settled.

Indicates the Settlement Date in YYMMDD format.

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR17** | 1048 | **Business Function Code** | O | ID | 1/3 |

Code identifying the business reason for this payment

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR18** | 506 | **(DFI) ID Number Qualifier** | X | ID | 2/2 |

Code identifying the type of identification number of Depository Financial Institution (DFI)

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR19** | 507 | **(DFI) Identification Number** | X | AN | 3/12 |

Depository Financial Institution (DFI) identification number

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR20** | 896 | **Account Number Qualifier Code** | O | ID | 2/2 |

Code indicating type of bank account or other financial asset

| | | | | | | |
|---|---|---|---|---|---|---|
| X | **BPR21** | 508 | **Account Number** | X | AN | 1/35 |

Account number assigned

| | | | | Segment: | **TRN** Trace |
|---|---|---|---|---|---|

**Segment:** **TRN** Trace

**Position:** 035
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To uniquely identify a transaction to an application
**Syntax Notes:**
**Semantic Notes:** 
1 TRN02 provides unique identification for the transaction.
2 TRN03 identifies an organization.
3 TRN04 identifies a further subdivision within the organization.
**Comments:**
**Notes:** This segment must be used in each ASAP 820.  It allows for identification of the transaction sets for tracking purposes.

## Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes | | |
|---|---|---|---|---|---|---|---|
| >> | TRN01 | 481 | **Trace Type Code** | | M | ID | 1/2 |
| | | | Code identifying which transaction is being referenced | | | | |
| | | | Pertains to the ACH Trace Number. | | | | |
| | | | 1 Current Transaction Trace Numbers | | | | |
| >> | TRN02 | 127 | **Reference Number** | | M | AN | 1/30 |
| | | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | | | |
| | | | 1. Contains the ACH Trace Number. 2. Must contain all 15 positions to conform to NACHA format for identification of the transaction set within the banking community. | | | | |
| X | TRN03 | 509 | **Originating Company Identifier** | | O | AN | 10/10 |
| | | | A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9 | | | | |
| X | TRN04 | 127 | **Reference Number** | | O | AN | 1/30 |
| | | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Segment:** | | **REF** Reference Numbers | | | | | |

**Segment:** **REF** Reference Numbers

**Position:** 050

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying numbers.

**Syntax Notes:** 1   At least one of REF02 or REF03 is required.

**Semantic Notes:**

**Comments:**

**Notes:** This segment must be used at least once but not more than twice in each transaction set.

One occurrence of this REF segment must contain the partial ASAP Sequence Number, which identifies the transaction within ASAP. This occurrence is required.

The other occurrence is optional. It contains the Requester Reference Number, an optional data element in ASAP for use at the Payment Requester's discretion.

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes | | |
|---|---|---|---|---|---|---|---|
| >> | REF01 | 128 | Reference Number Qualifier | | M | ID | 2/2 |

Code qualifying the Reference Number.

| | | |
|---|---|---|
| 55 | Sequence Number | |

Used for the required partial ASAP Sequence Number.

| | | |
|---|---|---|
| EM | Electronic Payment Reference Number | |

Used for the optional Requester Reference Number.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| >> | REF02 | 127 | Reference Number | | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. When REF01 is 55, this element contains first four portions of the ASAP Sequence Number (Payment Request Date, Input Endpoint, Screen Sequence Number, and Payment Request Timestamp). (29 positions). The Payment Request Item Number is not included.

2. When REF01 is EM, this element contains the Requester Reference Number. (15 positions).

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| X | REF03 | 352 | Description | | X | AN | 1/80 |

A free-form description to clarify the related data elements and their content

| | **Segment:** | **N1** Name |
|---|---|---|
| | **Position:** | 070 |
| | **Loop:** | N1 |
| | **Level:** | Heading |
| | **Usage:** | Optional |
| | **Max Use:** | 1 |
| | **Purpose:** | To identify a party by type of organization, name, and code |
| | **Syntax Notes:** | 1   At least one of N102 or N103 is required. |
| | | 2   If either N103 or N104 is present, then the other is required. |
| | **Semantic Notes:** | |
| | **Comments:** | 1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. |
| | | 2   N105 and N106 further define the type of entity in N101. |
| | **Notes:** | There must be two iterations of the N1 loop. |

One iteration must identify the Payee - i.e., the Payment Requester.

The other iteration must identify the Payer - i.e., ASAP.

.

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **N101** | **98** | **Entity Identifier Code** | **M   ID   2/2** |

Code identifying an organizational entity, a physical location, or an individual

| | | |
|---|---|---|
| PE | Payee | |
| | The Payment Requestor receiving the funds. | |
| PR | Payer | |
| | The ASAP system. | |

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **N102** | **93** | **Name** | **X   AN   1/35** |

Free-form name

1. If N101 is code PE, this element contains the Payment Requester Short Name as defined in the Payment Requester Profile. (10 positions).

2. If N101 is code PR, this element contains the literal, "Treasury/FMS -ASAP".

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| | **N103** | **66** | **Identification Code Qualifier** | **X   ID   1/2** |

Code designating the system/method of code structure used for Identification Code (67)

1. If N101 is code PE, this element is required.

2. If N101 is code PR, this element is not used.

|  |  | 93 |  | Code assigned by the organization originating the transaction set |  |  |  |
|---|---|---|---|---|---|---|---|

| | **N104** | **67** | **Identification Code** | **X** | **AN** | **2/17** |
|---|---|---|---|---|---|---|

Code identifying a party or other code

1.  If N101 is code PE, this element is required and contains the Payment Requester ID defined in ASAP (7 positions).

2.  If N101 is code PR, this element is not used.

| **X** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID** | **2/2** |
|---|---|---|---|---|---|---|

Code describing entity relationship

| **X** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID** | **2/2** |
|---|---|---|---|---|---|---|

Code identifying an organizational entity, a physical location, or an individual

| | Segment: | **ENT** Entity |
|---|---|---|
| | **Position:** | 010 |
| | **Loop:** | ENT |
| | **Level:** | Detail |
| | **Usage:** | Optional |
| | **Max Use:** | 1 |
| | **Purpose:** | To designate the entities which are parties to a transaction and specify a reference meaningful to those entities |

**Syntax Notes:**
1. If any of ENT02 ENT03 or ENT04 is present, then all are required.
2. If any of ENT05 ENT06 or ENT07 is present, then all are required.
3. If either ENT08 or ENT09 is present, then the other is required.

**Semantic Notes:**

**Comments:**
1. This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:

   (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).

   (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.

   (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.

   (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.

   This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

**Notes:**  Identifies a Recipient Organization / Federal Program Agency combination.  At least one ENT loop is required per transaction set.

There will be one or more RO/FPA combinations within a single payment transaction to a Payment Requester, and each RO/FPA combination will be represented by one ENT loop within the 820 transaction set.  There will be one or more RMR loops within each ENT loop, where each RMR loop refers to a single ASAP account.  The presence of only one RMR in an 820 indicates an individual payment, and multiple RMRs indicate a summary payment.

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | **ENT01** | **554** | **Assigned Number** | O | N0 | 1/6 |
| | | | Number assigned for differentiation within a transaction set | | | |
| >> | **ENT02** | **98** | **Entity Identifier Code** | X | ID | 2/2 |
| | | | Code identifying an organizational entity, a physical location, or an | | | |

individual

Indicates that the sending sub-entity is a Federal Program Agency,

| | | | 2R | Federal Facility | | | |

| >> | **ENT03** | 66 | **Identification Code Qualifier** | X | ID | 1/2 |
|---|---|---|---|---|---|---|

Code designating the system/method of code structure used for Identification Code (67)

Indicates the type of ID code of the sending sub-entity.

| | | | ZZ | Mutually Defined | | | |

| >> | **ENT04** | 67 | **Identification Code** | X | AN | 2/17 |
|---|---|---|---|---|---|---|

Code identifying a party or other code

Contains the required Agency Location Code (ALC) (8 positions) and the optional Region (2 positions).

| >> | **ENT05** | 98 | **Entity Identifier Code** | X | ID | 2/2 |
|---|---|---|---|---|---|---|

Code identifying an organizational entity, a physical location, or an individual

Indicates that the receiving sub-entity is the Recipient Organization.

| | | | MA | Party for whom Item is Ultimately Intended | | | |

| >> | **ENT06** | 66 | **Identification Code Qualifier** | X | ID | 1/2 |
|---|---|---|---|---|---|---|

Code designating the system/method of code structure used for Identification Code (67)

Indicates the type of ID of the receiving sub-entity.

| | | | 93 | Code assigned by the organization originating the transaction set | | | |

| >> | **ENT07** | 67 | **Identification Code** | X | AN | 2/17 |
|---|---|---|---|---|---|---|

Code identifying a party or other code

Contains the Recipient Organization ID as defined within ASAP (7 positions).  Identifies the organization granted Federal funds.

| X | **ENT08** | 128 | **Reference Number Qualifier** | X | ID | 2/2 |
|---|---|---|---|---|---|---|

Code qualifying the Reference Number.

| X | **ENT09** | 127 | **Reference Number** | X | AN | 1/30 |
|---|---|---|---|---|---|---|

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | **N1** Name | | | | |
| **Position:** | 020 | | | | |
| **Loop:** | N1 | | | | |
| **Level:** | Detail | | | | |
| **Usage:** | Optional | | | | |
| **Max Use:** | 1 | | | | |
| **Purpose:** | To identify a party by type of organization, name, and code | | | | |
| **Syntax Notes:** | 1 | At least one of N102 or N103 is required. | | | |
| | 2 | If either N103 or N104 is present, then the other is required. | | | |
| **Semantic Notes:** | | | | | |
| **Comments:** | 1 | This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. | | | |
| | 2 | N105 and N106 further define the type of entity in N101. | | | |

**Notes:**
There should be two iterations of this N1 loop within each ENT loop.

One iteration must identify the Federal Program Agency granting the funds (the sending sub-entity).

The other iteration must identify the Recipient Organization which ultimately receives the Federal funds (the receiving sub-entity).

## Data Element Summary

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | N101 | 98 | **Entity Identifier Code** | M | ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

1. Indicates the type of sending or receiving sub-entity.

2. For the sending sub-entity (the Federal Program Agency), the value of this element must equal the value of element ENT02.

3. For the receiving sub-entity (the Recipient Organization), the value of this element must equal the value of element ENT05.

| | | |
|---|---|---|
| 2R | Federal Facility | |
| | Federal Program Agency | |
| MA | Party for whom Item is Ultimately Intended | |
| | Recipient Organization | |

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | N102 | 93 | **Name** | X | AN | 1/35 |

Free-form name

1. If N101 is code 2R, this element contains the Federal Program Agency's short name as indicated in its ASAP Profile (10 positions).

2. If N101 is code MA, this element contains the Recipient Organization's short name as indicated in its ASAP Profile (10 positions).

| X | N103 | 66 | **Identification Code Qualifier** | X | ID | 1/2 |

Code designating the system/method of code structure used for Identification Code (67)

| X | N104 | 67 | **Identification Code** | X | AN | 2/17 |

Code identifying a party or other code

| X | N105 | 706 | **Entity Relationship Code** | O | ID | 2/2 |

Code describing entity relationship

| X | N106 | 98 | **Entity Identifier Code** | O | ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

**Segment:** **RMR** Remittance Advice Accounts Receivable Open Item Reference

| | |
|---|---|
| **Position:** | 150 |
| **Loop:** | RMR |
| **Level:** | Detail |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail |
| **Syntax Notes:** | 1    If either RMR01 or RMR02 is present, then the other is required. |
| **Semantic Notes:** | 1    If RMR03 is present, it specifies how the cash is to be applied. |
| **Comments:** | 1    Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication. |
| | 2    If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present. |
| | 3    RMR04 is the amount paid. |
| | 4    RMR05 may be needed by some payees to distinguish between duplicate reference numbers. |
| | 5    RMR06 may be used to specify discount taken. |
| **Notes:** | There is one RMR loop for each payment request against an ASAP account.  There must be at least one RMR loop within each ENT loop. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| >> | RMR01 | 128 | Reference Number Qualifier | X | ID | 2/2 |

Code qualifying the Reference Number.

       11          Account Number

           Number identifies a telecommunications industry account

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| >> | RMR02 | 127 | Reference Number | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Contains the ASAP Account ID (20 positions).

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| X | RMR03 | 482 | Payment Action Code | O | ID | 2/2 |

Code specifying the type of accounts receivable open item(s) to be included in a cash application.

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| >> | RMR04 | 782 | Monetary Amount | O | R | 1/15 |

Monetary amount

The actual payment for the request against the ASAP Account ID in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| >> | RMR05 | 777 | Total Invoice or Credit/Debit Amount | O | R | 1/15 |

Amount of Invoice (including charges, less allowances) before terms

discount (if discount is applicable) or debit amount or credit amount of referenced items.

Contains the amount requested from the ASAP Account in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.

| X | RMR06 | 780 | **Amount of Discount Taken** | O | R | 1/15 |

Amount of discount taken, which may be less than or equal to the amount of discount permitted

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | | **REF** Reference Numbers | | | |

**Segment:**    **REF** Reference Numbers

**Position:**    170
**Loop:**    RMR
**Level:**    Detail
**Usage:**    Optional
**Max Use:**    >1
**Purpose:**    To specify identifying numbers.
**Syntax Notes:**    1    At least one of REF02 or REF03 is required.
**Semantic Notes:**
**Comments:**
**Notes:**    This REF segment must appear at least once but no more than twice for each RMR loop.

One occurrence of this REF segment must contain the Payment Request Item Number portion of the ASAP Sequence Number. This occurrence is required.

The other occurrence is optional. It contains the Catalog of Federal Domestic Assistance (CFDA) number, an optional data element in ASAP.

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | REF01 | 128 | **Reference Number Qualifier** | M | ID | 2/2 |

Code qualifying the Reference Number.

| | | |
|---|---|---|
| IX | Item Number | |
| | Indicates that the Payment Request Item Number follows. | |
| ZZ | Mutually Defined | |
| | Indicates that the CFDA Number follows. | |

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| >> | REF02 | 127 | **Reference Number** | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. If REF01 is code IX, this element contains the Payment Request Item Number portion of the ASAP Sequence Number (6 positions).

2. If REF01 is code ZZ, this element contains the Catalog of Federal Domestic Assistance (CFDA) number (5 positions).

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| X | REF03 | 352 | **Description** | X | AN | 1/80 |

A free-form description to clarify the related data elements and their content

**Segment:** $SE$ **Transaction Set Trailer**

| | |
|---|---|
| **Position:** | 010 |
| **Loop:** | |
| **Level:** | Summary |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments). |
| **Syntax Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | **1** SE is the last segment of each transaction set. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| >> | **SE01** | **96** | **Number of Included Segments** | **M   N0   1/10** |
| | | | Total number of segments included in a transaction set including ST and SE segments | |
| >> | **SE02** | **329** | **Transaction Set Control Number** | **M   AN   4/9** |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | |
| | | | Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions).  Must equal the value in data element ST02. | |